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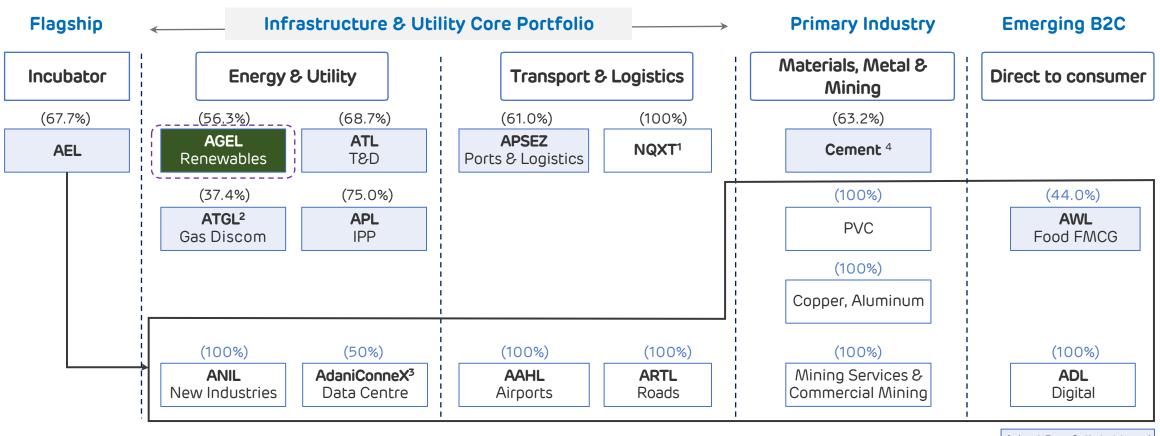


## Adani Group









(%): Promoter equity stake in Adani Portfolio companies (%): AEL equity stake in its subsidiaries

Adani Portfolio's Listed Entities

#### A multi-decade story of high growth centered around infrastructure & utility core

<sup>1.</sup> NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Gas Ltd, JV with Total Energies | 3. Data center, JV with EdgeConnex, AEL: Adani Enterprises Limited; APSEZ: Adani Ports and Special Economic Zone Limited; ATL: Adani Transmission Limited; T&D: Transmission & Distribution; APL: Adani Power Limited; AGEL: Adani Green Energy Limited; AAHL: Adani Airport Holdings Limited; ARTL: Adani Roads Transport Limited; ANIL: Adani New Industries Limited; AWL: Adani Wilmar Limited; ADL: Adani Digital Limited; IPP: Independent Power Producer

<sup>4.</sup> Cement business includes 63.15% stake in Ambuja Cement which in turn owns 50.05% in ACC Limited. Adani directly owns 6.64% stake in ACC Limited



#### Secular growth with world leading efficiency

### National footprint with deep coverage



Growth 3x

**EBITDA 70%** 1,2



Growth 4x

EBITDA 92% 1,4



Transmission

Growth 3x

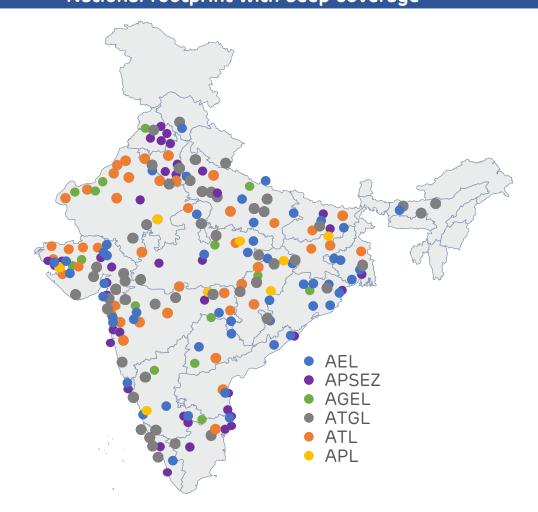
EBITDA 91% 1,3,5



Gas

Growth 1.4x

EBITDA 19% 1,3





#### **Phase**

#### **Development**



#### **Operations**



#### **Post Operations**

# Activity

#### Origination

#### Site Development

#### Construction

#### Operation

#### Capital Mgmt

- Analysis & market intelligence
- Viability analysis
- Strategic value
- Site acquisition
- Concessions & regulatory agreements
- Investment case development

- Engineering & design
- Sourcing & quality levels
- Equity & debt funding at project
- Life cycle O&M planning

Center (ENOC)

Asset Management Plan

**Energy Network Operation** 

 Redesigning the capital structure of the asset

• First ever GMTN of USD 2 bn by an energy utility player in India - an SLB in line with

AGEL's tied up "Diversified Growth Capital"

• Issuance of 20 & 10 year dual tranche

with revolving facility of USD 1.64 Bn will fully fund its entire project pipeline

bond of USD 750 mn - APSEZ the only

COP26 goals - at AEML

 Operational phase funding consistent with asset life

India's Largest Commercial Port (at Mundra)



Highest Margin among Peers

Longest Private HVDC Line in Asia (Mundra - Mohindergarh)



Highest availability

2,140 MW Hybrid cluster operationalized in Rajasthan in FY23



India's first and World's largest solar-wind hybrid cluster

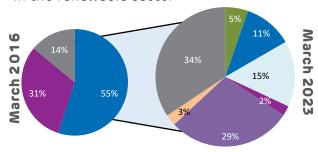


monitoring of plants across India on a single cloud based platform



- Centralized continuous
- Green bond issuance of USD 750 mn establishes AGEL as India's leading credit in the renewable sector

infrastructure company to do so



Pvt. Banks • Bonds • NBFCs & FIs

DIIGlobal Int. BanksPSU – Capex LC

O&M: Operations & Maintenance, HVDC: High voltage, direct current, PSU: Public Sector Undertaking (Public Banks in India), GMTN: Global Medium-Term Notes SLB: Sustainability Linked Bonds, AEML: Adani Electricity Mumbai Ltd. IG: Investment Grade, LC: Letter of Credit, DII: Domestic Institutional Investors, COP26: 2021 United Nations Climate Change Conference; AGEL: Adani Green Energy Ltd, NBFC: Non Banking Financial Company

# Performance





Secure Sites & Connectivity Resource Assessment **Construction Readiness** Geotechnical studies ~2,00,000 acres ~40 GW potential Development and detailed design planning, 85+ Wind data locations Resource rich sites in strategic locations simulations completed Solar resource assessment completed "RESOURCE AS VALUE APPROACH" 97% Contracted Capacity Technology enabled O&M Utility based ESG income Fixed tariff **ENOC** Green Certificates **Operations** Enabling high margin EBITDA (92% 2) PPA life: 25 years Enhancement in the utility linked revenue stream Average Portfolio tariff: INR 3.00/unit 1 **Construction Framework Agreement Efficient Capital Management** Investment Grade (IG) Ratings US\$ 1.64 bn Value Creation Access to International First IG rated Issuance - RG2 markets Revolving construction facility to Largest HoldCo Issuance Diversified sources of funding ensure fully funded growth Broaden capital pools-144A, REG S Elongated maturities up to 20 years

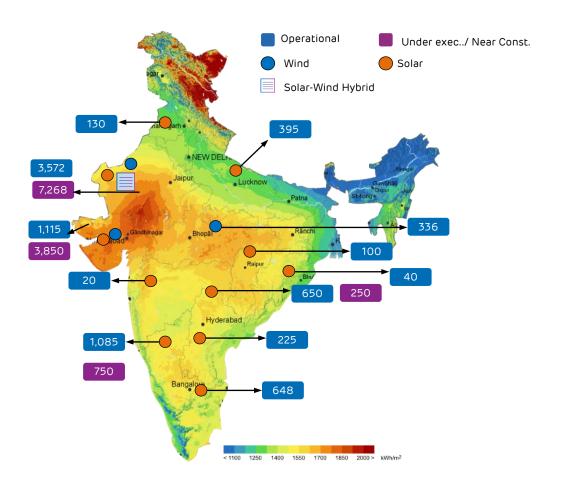
#### Well positioned for industry leading de-risked growth

- Average tariff for total contracted portfolio
- EBITDA margin from power supply in FY23

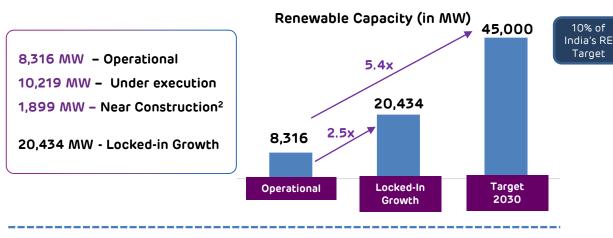




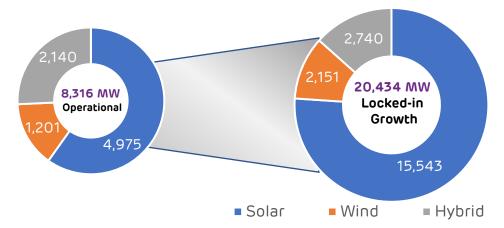
#### Strategically located in Resource rich states 1



#### 2.5x Locked-in Growth



#### Source-wise Capacity Breakup (in MW)

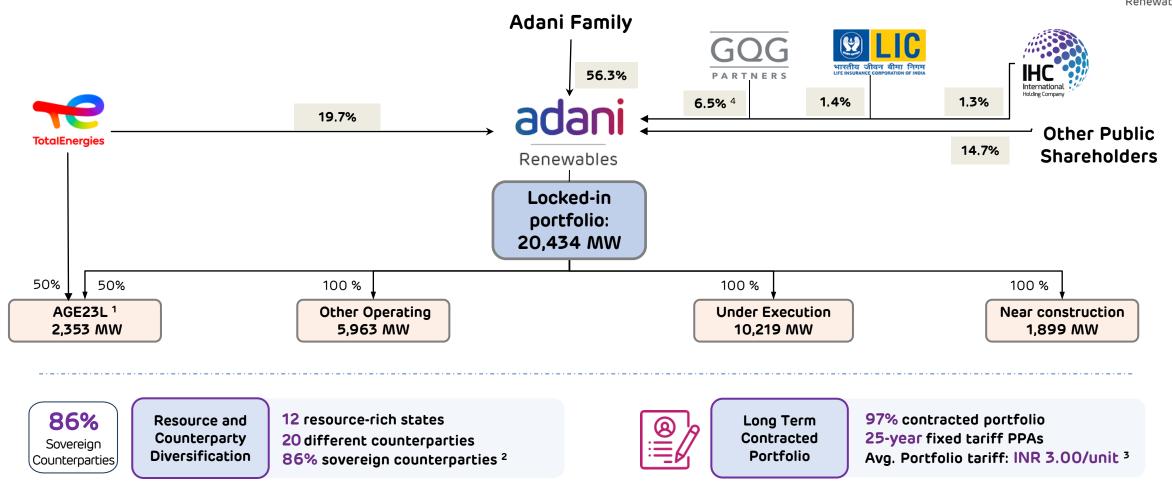


#### Leading the way towards large-scale adoption of affordable clean energy in India

Note: Renewable capacity details as on June 30, 2023

- 1. The indicated location for projects under execution/ near construction is based on current planning and is subject to change.
- 2. Includes projects for which Letter of Award has been received and PPA is to be signed except 100 MW project which is in pipeline.





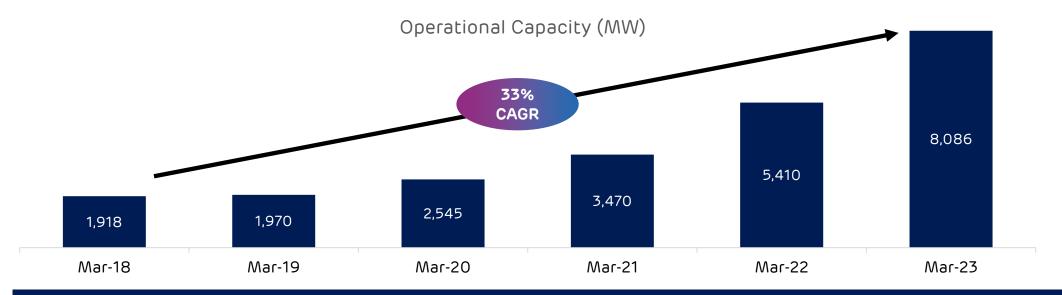
#### A sustainable business model backed by strong counterparty profile and long-term contracts

#### Note: Renewable capacity and shareholding details as on June 30, 2023

- 1. Includes RG 1 (Restricted Group 1) and RG 2 (Restricted Group 2) SPVs
- 2. Includes 5% sovereign equivalent rated counterparties Gujarat Urja Vikas Nigam Limited (GUVNL) and Adani Electricity Mumbai Limited (AEML)
- 3. Average tariff for total contracted portfolio
- 4. Shareholding by funds managed by GQG Partners

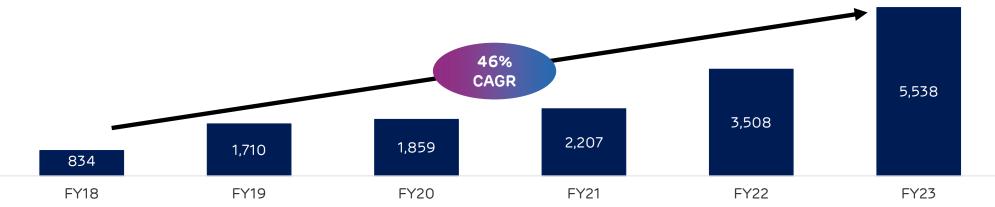






#### Industry leading EBITDA Growth driven by Robust capacity addition & Analytics driven O&M







#### SUSTAINING GROWTH MOMENTUM

#### Site and Evacuation

- ~40GW of strategic sites with geotechnical, resource analysis & design work done
- ~200,000 acres of land available
- Clear visibility on evacuation infrastructure
- "Resource as Value Approach"

#### Strong in-house Capabilities

- Execution experience over 320 sites across India
- 20,000 vendor network
- Inhouse R&D on new renewable technologies

#### Capital Management

- Fully funded growth
- Takeout of construction debt post commissioning
- Maintain IG rating framework for future issuances



#### **Project Execution**

- PMAG Central team with deep experience
- Execution of large scale sites 2.1 GW World's largest single site RE hybrid project in record time
- GW+ scale sites

#### **Construction Finance**

- Construction framework consistent with stage of project execution.
- Example: Framework Agreement of US\$ 1.64 bn with international banks fully funds pipeline
- LC facility to finance equipment purchase

#### **Tech Enabled Operations - ENOC**

- Life cycle O&M planning
- Strong integration of technology with Energy Network Operations Center

#### **DE-RISKING AT EVERY STAGE**

# Operational & Financial Highlights FY23







#### Capacity Addition and Operational Performance

- $\checkmark$  Operational Capacity increases by 49% YoY to 8,086 MW, the largest operational renewable portfolio in India
- $\checkmark$  AGEL adds a massive 2,676 MW renewable capacity to its operational fleet in FY23:
  - 2,140 MW solar-wind Hybrid plants in Rajasthan, India's first and World's largest
  - 325 MW wind power plant, the largest in Madhya Pradesh
  - 212 MW solar power plants in Rajasthan
- ✓ PPAs signed for 450 MW wind projects and 650 MW solar projects with SECI in FY23 further strengthening the firm project pipeline
- ✓ Solar portfolio CUF at 24.7% with 90 bps improvement YoY
- ✓ Wind portfolio CUF at 25.2% with 560 bps reduction YoY primarily due to one-off disruption in transmission line (force majeure) for 150 MW plant at Gujarat, which is now fully restored
- ✓ Newly commissioned Hybrid portfolio CUF stands at a strong 35.5%
- ✓ Sale of Energy increases by 58% YoY at 14,880 Mn units

#### Financial Performance

- ✓ Revenue from Power Supply up by 54% YoY at Rs. 5,825 cr
- ✓ Realized 3.9 Mn Carbon Credits generating Carbon Credit income of Rs. 157 cr
- ✓ EBITDA from Power Supply increases by 57% YoY to Rs.5,538 Cr with a high EBITDA margin of 91.6%
- ✓ Cash Profit up by 72% YoY at Rs. 3,192 cr.
- ✓ Run-rate EBITDA stands at a strong Rs. 7,505 crore with Net Debt to Run-Rate EBITDA of 5.4x as of Mar 2023 well within stipulated covenant of 7.5x for holdco bond

#### AGEL: Key Highlights - FY23 (contd.)



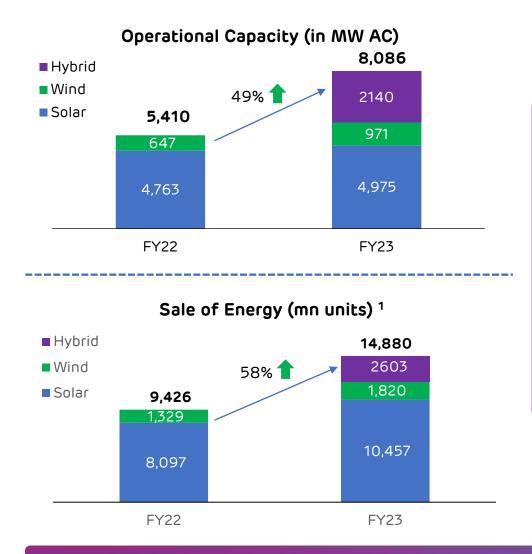
#### **Key ESG Updates**

- ✓ AGEL's entire operating capacity is now 'Water Positive' (for plants with > 200 MW capacity), 'Single-Use-Plastic Free' and 'Zero Waste to Landfill' certified
- ✓ Won CII's Climate Action Program (CAP) 2.0° 'Committed' Award that signifies identification of primary risk, GHG management, targets decided and participatory culture at AGEL
- ✓ Won 'Leaders Award' at the Sustainability 4.0 Awards, conferred jointly by Frost & Sullivan and TERI
- ✓ Won the prestigious 'Platinum' Environment Award at Grow Care India Environment Management Awards 2022
- ✓ AGEL continues to maintain best-in-class ESG ratings from global rating agencies with ISS ESG ranking AGEL 1<sup>st</sup> in Asia and among top 10 globally in Renewable Energy sector. Further, Sustainalytics also ranks among top 10 globally in Renewable Energy sector

#### Other Key Updates

- ✓ Investment of Rs. 3,850 crore received from Abu Dhabi based International Holding Company PJSC (IHC) as primary capital in AGEL
- ✓ GQG Partners (including funds managed by GQG) bought 3.7% equity stake in AGEL in FY 23 through secondary market purchase and further increased it to 6.5% as of June 2023
- ✓ Overall shareholder base expanded by 3x to 7.5 lakh shareholders (~ 2x expansion in Q4 FY23)
- ✓ Received favourable order from APTEL for 288 MW solar plants at Kamuthi, Tamil Nadu that has resulted in one-time revenue upside of Rs 748 Cr (including late payment surcharge) and recurring positive annual impact of ~ Rs 90 Cr
- ✓ AGEL continues to maintain a strong counterparty profile with 86% sovereign/ sovereign equivalent rated counterparties
- ✓ 97% of AGEL's rated credit facilities are rated between 'A' to 'AAA' equivalent credit rating scale (India)





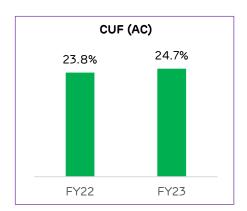


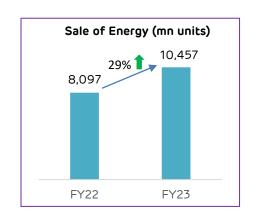
- ☐ Operationalized 2,140 MW solar—wind Hybrid power plants, India's first and World's largest, in Rajasthan
- ☐ Operationalized 325 MW Wind power plant in Madhya Pradesh
- ☐ Operationalized 212 MW Solar power plant in Rajasthan
- √ Sale of Energy increases by 58% to 14,880 mn units backed by robust capacity addition

Sale of Energy continues to grow exponentially backed by robust capacity addition



#### **Solar Portfolio Performance**

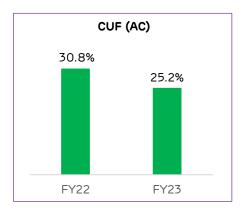


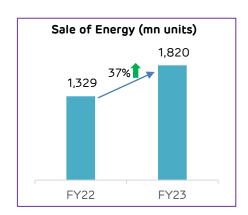


- Sale of Energy up by 29% on the back of:
  - Increase in effective operating capacity with SB Energy operational portfolio (1,700 MW) performance integrated from Q3 FY22 and 212 MW commissioned in Rajasthan during FY23
  - 90 bps improvement in CUF
- Improved CUF performance backed by:
  - Integration of SB Energy Portfolio having a CUF of 26.6% for FY23
  - Consistent high plant availability and grid availability
  - Improved solar irradiation

Solar portfolio CUF improves by 90 bps YoY to 24.7% backed by ~ 100% plant availability

#### **Wind Portfolio Performance**

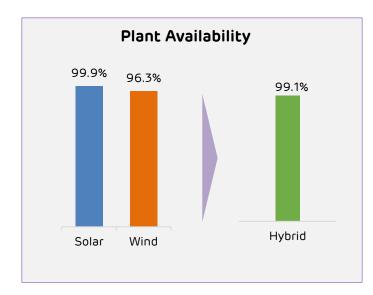


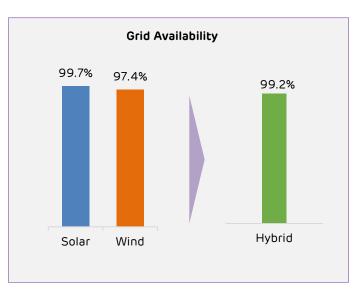


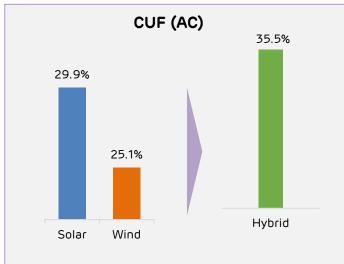
- Sale of Energy up by 37% on the back of Capacity increase from 497 MW¹ to 971 MW YoY
- The reduction in CUF is primarily due to:
  - One-off disruption in transmission line (force majeure) for 150 MW plant in Gujarat, which has now been restored fully. The impact of this event in FY23 is ~0.6% of the annual generation of the overall operational capacity
  - Lower wind speed
  - Plant availability is lower primarily on account of proactive replacement of transformers carried out in one of the plants

Sale of Energy up by 37% backed by robust capacity addition











- 2,140 MW Solar-Wind Hybrid projects operationalized in FY23:
  - Solar: 1,980 MW
  - Wind: 868 MW
- High CUF of 35.5% backed by:
  - Technologically advanced solar modules and wind turbine generators (WTGs)
  - High plant and grid availability

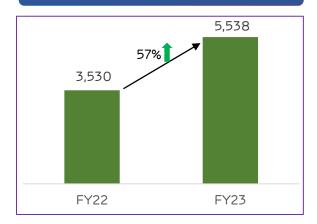


(All figures in INR Crore)

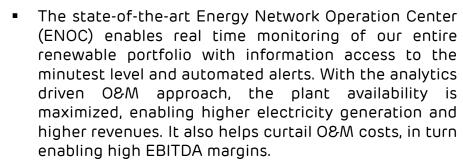
#### **Revenue from Power Supply**



#### EBITDA from Power Supply 1

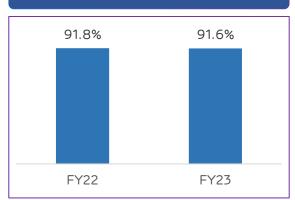


#### The robust growth in revenues, EBITDA and Cash Profit is primarily driven by greenfield commissioning of 2.676 MW.



■ Further, the receipt of Rs. 748 crore (incl. late payment surcharge) for the 288 MW Kamuthi projects with tariff correction upheld by Supreme Court have boosted the revenues, EBITDA and cash profit and will have a recurring impact of ~ Rs. 90 crore per annum.





Cash Profit <sup>2</sup>

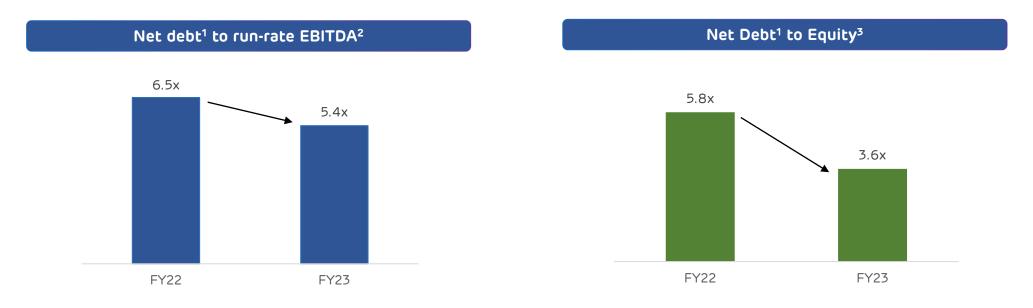


#### Consistent Strong Financial Performance backed by robust growth in capacities & analytics driven O&M

<sup>1.</sup> EBITDA from Power Supply = Revenue from Power Supply + Carbon credit income (part of Other Operating Income) + prompt payment discount - Employee Benefit Expenses excluding overseas expenses - Other Expenses excluding loss on sale of assets and such one-off expenses.

<sup>2.</sup> Cash Profit = PAT + Depreciation + Deferred Tax + Exceptional Items + Distribution to TOTAL (which is part of finance cost as per IndAS) – other non-cash adjustments





- ✓ Net debt to run-rate EBITDA well within stipulated covenant of 7.5x for Holdco bonds with a significant year-on-year improvement backed by reduction in leverage and consistent Industry leading EBITDA margins
- ✓ Net debt to Equity improves on year-on-year basis backed by fresh equity infusion of Rs. 3,850 crore from Abu Dhabi based International Holding Company PJSC (IHC) and steadily improving internal accruals with robust capacity addition

Sustained credit discipline driven by addressal of all debt covenants, credit rating improvements, improved receivables cycle, increased operating base with robust project execution and a continued engagement with lenders

<sup>1.</sup> Net Debt (as per Holdco Bond definition) = Gross Debt- Cash & Bank - Short Term Trade Credit

<sup>2.</sup> Run-rate EBITDA (as per Holdco Bond definition) is essentially the EBITDA that will be generated if the operating capacity (including partially commissioned capacity) is run for one full year

<sup>3.</sup> Equity = Net Worth + Stapled Instruments

# Adani Green Energy Limited ESG



AGEL is now certified

'Water Positive'

for all its operating plants over 200 MW capacity by DNV

Won the prestigious

'Platinum' Environment Award

at Grow Care India Environment Management Awards 2022 Continue to maintain

Best-in-class ESG ratings

from global ESG rating agencies

- ✓ CSR Hub (consensus ESG rating) at 97 percentile
- ✓ Sustainalytics ESG Risk rating of 'Low Risk'
- ✓ DJSI-S&P Global Corporate Sustainability
  Assessment score of 61/100
- ✓ MSCI ESG rating of 'A'







#### **Our Commitment**

- To be in **Top 10 companies** of the world in ESG benchmarking of electric utility sector **by FY25**
- To develop and operate renewable energy capacity of 45 GW by 2030
- To remain Single-use-Plastic-Free (SuPF) company
- To remain Zero-Waste-to-Landfill (ZWL) company
- To achieve Water Positive status for 100% operational locations by FY26
- To achieve No Net Loss of biodiversity by FY25

- Related Party Transaction Policy

#### AGEL: Key ESG Targets v/s Current Status



Indicator	FY25 Target	FY23 Target	Status: FY23
Ranking in ESG benchmarking of electric utility sector in the world	Тор 10	NA	In Top 10 in RE sector – Sustainalytics/ ISS ESG
Water neutral operating capacity (MW) for plants > 200 $$ MW $^1$	100%	60%	100%
Zero waste to landfill operating capacity (MW)	100%	50%	100%
Single use plastic free operating capacity (MW)	100%	100% (Already achieved in FY22)	100%
No Net Loss of biodiversity	100%	NA	WIP

<sup>1.</sup> This is the previous target. In FY24, this has been revised to all operational locations.

#### AGEL: New ESG targets adopted in FY24



New ESG targets	Timeline
Conduct Climate Change Risk Assessments for all operational locations in alignment with TCFD framework	FY24
Establish Internal Carbon Pricing at AGEL level	FY24
Conduct nature related assessments for all operational locations in alignment with TNFD framework	FY25
Achieve Water Positive status for 100% operational locations	FY26
Complete ESG Evaluation and engage all important manufacturing suppliers through GHG Suppliers' Engagement Program for decarbonization of value chain	FY26

#### AGEL: ESG – Ratings, Awards and Recognition



ESG Ratings		AGEL's Rating			
CSRHub (Consensus ESG Rating)	✓	Ranking of 97 percentile, with consistent ranking above Alternative Energy industry average			
Sustainalytics		ESG Risk Rating of 'Low Risk' with a score of 15.3, significantly better than global Utilities sector average of 32.9; Part of Top 10 in RE sector globally			
DJSI-S&P Global Corporate Sustainability Assessment	✓	Scored 61/100, one of the best in Indian Electric Utility sector and significantly better than average World Electric Utility score of 32/100			
MSCI	✓	ESG Rating of 'A'			
FTSE		ESG rating of 3.2 and constituent of 'FTSE4Good' index series			
ISS ESG	✓	Prime Band (B+), ranked First in RE sector in Asia and part of Top 10 in RE sector globally			
CRISIL	✓	ESG score of 66/100, the highest in Power sector			

#### Awards and Recognition in FY23

Won 'Leaders Award' at the Sustainability
4.0 Awards, conferred jointly by Frost &
Sullivan and The Energy & Research
Institute (TERI)

Won CII's Climate Action Program (CAP)
2.0° 'Committed' Award that signifies
identification of primary risk, GHG
management, targets decided and
participatory culture at AGEL

Conferred with the 'Platinum'
Environment Award by Grow Care India in recognition of highest level of commitment and concern in environmental management

### **Way Forward**







			R
40	01	45 GW BY 2030 →	Focus remains on producing the lowest cost green electron at scale  To add 3 GW in FY24 and to keep stepping up to reach 45 GW renewable energy capacity by 2030
	02	DEPLOYING NEW AGE TECHNOLOGIES	Adopting cutting-edge renewable technologies to maximise generation at a lower cost such as bifacial solar PV modules, horizontal single axis trackers (HSAT), robotic cleaning, enhancing capabilities of ENOC
	03	RENEWABLES WITH STORAGE	Solar, Wind and Solar-Wind Hybrid to continue as major contributors in future growth  Round-the-clock structures with long term clean energy solutions like pumped hydro also to be a key focus area
	04	DISCIPLINED CAPITAL AMANAGEMENT	Disciplined Capital Management with diversified sources of finance have been at the core of AGEL's industry-leading growth in the past and will continue to remain a key focus in future as well
ESO	05	DRIVING IMPROVEMENTS ACROSS E, S & G	We continue to aspire to drive improvements across Environmental, Social and Governance aspects.

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## Thank You